

Abstract

A motor vehicle infrared (IR) communication device (2) for an electronic fee-charging system, comprising IR transmitting and receiving elements (9) arranged in a housing (4) and oriented according to a first direction (10), which first direction (10) extends at least substantially in a vertical longitudinal plane of the motor vehicle when the communication device (2) is in a state installed in a motor vehicle, and transmitting and receiving electronics (36, 37); further IR elements (13) oriented at least according to a second direction (14) are additionally arranged in the housing (4), this second direction (14) being oriented towards a side, relative to the first direction (10), or to the vertical longitudinal plane, respectively.

(Fig. 2)